

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|--------------------------------|------------------|---------|------------------|
| L2 | 35683 | "385"/\$.ccls. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/19 08:22 |
| L3 | 14 | I2 and (((stretch or stretching or stretched or elongate or elongated or elongation or elongating or draw or drawing or drawn or pull or pulling or pulled or extend or extending or extension or extended) near2 (fiber or bundle or waveguide)) with ((couple or coupling or correlation or correlate or correlated) near4 (desired or desire or desiring or need or needed or required or require or requires or needs or desires or needing or requiring))) | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/19 08:29 |
| L4 | 20 | I2 and (((stretch or stretching or stretched or elongate or elongated or elongation or elongating or draw or drawing or drawn or pull or pulling or pulled or extend or extending or extension or extended or fuse or fusing or fused) near2 (fiber or bundle or waveguide)) with ((couple or coupling or correlation or correlate or correlated) near4 (desired or desire or desiring or need or needed or required or require or requires or needs or desires or needing or requiring))) | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/19 08:30 |
| L5 | 6 | ("4723824" "4738511" "4755037" "4772085" "4779945" "4786130").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/19 08:43 |
| L6 | 3 | ("5150439").URPN. | USPAT | OR | ON | 2005/07/19 08:43 |
| L7 | 2 | "5303373".pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/19 08:46 |

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|-----|----|---|-------|----|-----|------------------|
| L12 | 16 | I2 and (((fiber or fibers or waveguide or waveguides) near2 (bundle or bundles or bundling or gather or gathering or gathered or grouped or grouping or group)) with ((fuse or fusing or fused or melt or melting or melted or heat or heated or heating) near2 (fiber or fibers or waveguide or waveguides)) with ((taper or tapering or tapered or draw or drawing or drawn) near3 (fiber or fibers or waveguide or waveguides)) and ((input or inputs or output or outputs or ends or end or fibers or fiber or bundle or bundles or terminals or terminus or termination) near5 (free or detach or detachable or detaching or detached or loose or loosened or loosen or uncouple or uncoupled or disconnected or disconnecting or disconnects or disconnect))) | USPAT | OR | OFF | 2005/07/19 09:23 |
| L13 | 0 | (((fiber or fibers or waveguide or waveguides) near2 (bundle or bundles or bundling or gather or gathering or gathered or grouped or grouping or group)) with ((fuse or fusing or fused or melt or melting or melted or heat or heated or heating) near2 (fiber or fibers or waveguide or waveguides)) with (((taper or tapering or tapered) and (draw or drawing or drawn)) near3 (fiber or fibers or waveguide or waveguides)) with ((input or inputs or output or outputs or ends or end or fibers or fiber or bundle or bundles or terminals or terminus or termination) near5 (free or detach or detachable or detaching or detached or loose or loosened or loosen or uncouple or uncoupled or disconnected or disconnecting or disconnects or disconnect))) | USPAT | OR | OFF | 2005/07/19 09:24 |

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|-----|---|--|-------|----|-----|------------------|
| L14 | 0 | ((((fiber or fibers or waveguide or waveguides) near5 (bundle or bundles or bundling or gather or gathering or gathered or grouped or grouping or group)) with ((fuse or fusing or fused or melt or melting or melted or heat or heated or heating) near5 (fiber or fibers or waveguide or waveguides)) with (((taper or tapering or tapered) and (draw or drawing or drawn)) near5 (fiber or fibers or waveguide or waveguides)) with ((input or inputs or output or outputs or ends or end or fibers or fiber or bundle or bundles or terminals or terminus or termination) near5 (free or detach or detachable or detaching or detached or loose or loosened or loosen or uncouple or uncoupled or disconnected or disconnecting or disconnects or disconnect))) | USPAT | OR | OFF | 2005/07/19 09:25 |
| L15 | 2 | ((((fiber or fibers or waveguide or waveguides) near5 (bundle or bundles or bundling or gather or gathering or gathered or grouped or grouping or group)) with ((fuse or fusing or fused or melt or melting or melted or heat or heated or heating) near5 (fiber or fibers or waveguide or waveguides)) with (((taper or tapering or tapered)) near5 (fiber or fibers or waveguide or waveguides)) with ((input or inputs or output or outputs or ends or end or fibers or fiber or bundle or bundles or terminals or terminus or termination) near5 (free or detach or detachable or detaching or detached or loose or loosened or loosen or uncouple or uncoupled or disconnected or disconnecting or disconnects or disconnect))) | USPAT | OR | OFF | 2005/07/19 09:25 |

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|-----|------|---|--------------------------------|----|-----|------------------|
| L16 | 3 | ((((fiber or fibers or waveguide or waveguides) near5 (bundle or bundles or bundling or gather or gathering or gathered or grouped or grouping or group)) with ((fuse or fusing or fused or melt or melting or melted or heat or heated or heating) near5 (fiber or fibers or waveguide or waveguides)) with (((taper or tapering or tapered)) near5 (fiber or fibers or waveguide or waveguides)) with ((input or inputs or output or outputs or ends or end or fibers or fiber or bundle or bundles or terminals or terminus or termination) near5 (free or detach or detachable or detaching or detached or loose or loosened or loosen or uncouple or uncoupled or disconnected or disconnecting or disconnects or disconnect))) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/19 09:25 |
| L18 | 3 | ("5045100").URPN. | USPAT | OR | ON | 2005/07/19 09:28 |
| L19 | 12 | ("3204326" "3224851" "3455625" "3681164" "3849219" "3933455" "3966447" "4116655").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/19 09:28 |
| L20 | 11 | ("3917383" "4203650" "4291940" "4330170" "4355863" "4439221" "4449781" "4591372" "4653845" "4709981" "4915469").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/19 09:30 |
| L21 | 11 | ("5175782").URPN. | USPAT | OR | ON | 2005/07/19 09:30 |
| L23 | 3 | ("5150439").URPN. | USPAT | OR | ON | 2005/07/19 09:32 |
| L24 | 6 | ("4723824" "4738511" "4755037" "4772085" "4779945" "4786130").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/19 09:32 |
| L25 | 11 | ("5058979" "5408555" "5491764" "5652819" "5809190" "5949936" "5956441" "5987201" "6148129" "6169830" "RE33296").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/19 09:32 |
| L26 | 4 | ("6363190").URPN. | USPAT | OR | ON | 2005/07/19 11:01 |
| L27 | 1 | "4932747".pn. | USPAT | OR | ON | 2005/07/19 11:01 |
| S1 | 1915 | 385/43,115,116,121.ccls. | USPAT | OR | OFF | 2005/07/18 11:30 |
| S2 | 765 | S1 and taper\$4 | USPAT | OR | OFF | 2005/07/18 11:30 |
| S3 | 256 | S1 and (taper\$4 and bundl\$4) | USPAT | OR | OFF | 2005/07/19 09:05 |
| S4 | 22 | S1 and (taper\$4 and bundl\$4 and cleav\$4) | USPAT | OR | OFF | 2005/03/25 08:15 |
| S5 | 40 | S1 and (taper\$4 and bundl\$4 NEAR fuse\$4) | USPAT | OR | OFF | 2005/03/25 09:36 |

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| S6 | 0 | S5 and (cleav\$4 NEAR (perpendicular or normal)) | USPAT | OR | OFF | 2005/03/25 09:37 |
| S7 | 0 | S5 and (cleav\$4 NEAR normal) | USPAT | OR | OFF | 2005/03/25 09:37 |
| S8 | 0 | S5 and (cleav\$4 NEAR perpendicular) | USPAT | OR | OFF | 2005/03/25 09:37 |
| S9 | 17 | S5 and perpendicular | USPAT | OR | OFF | 2005/03/25 10:43 |
| S10 | 1 | S5 and (glass NEar matrix) | USPAT | OR | OFF | 2005/03/25 10:43 |
| S11 | 2 | "5303373".pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/18 14:05 |
| S12 | 2 | "6477301".pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/18 11:14 |
| S13 | 3 | "3912362".pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/18 11:14 |
| S14 | 2207 | 385/43,115,116,121.ccls. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 12:55 |
| S15 | 18 | S14 and (((taper or tapered ot tapering) near2 (fiber or fibers or bundle or bundles)) with ((unfused or separate or detach or detachable or detached or detaching or separates or separating or separated or unfuse or free or uncoupled or uncouple or uncoupling or independent or loose or solitary) near2 (end or terminus or termination or terminal or boundry or input or output or outputs or inputs or terminals or fiber or fibers))) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 11:47 |
| S16 | 23 | S14 and (((taper or tapered or tapering) near3 (fiber or fibers or bundle or bundles)) with ((unfused or separate or detach or detachable or detached or detaching or separates or separating or separated or unfuse or free or uncoupled or uncouple or uncoupling or independent or loose or solitary) near3 (end or terminus or termination or terminal or boundry or input or output or outputs or inputs or terminals or fiber or fibers))) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:02 |
| S17 | 53 | Bruesselbach.in. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/18 11:58 |

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| S18 | 0 | "4115940".ccls. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 12:55 |
| S19 | 3 | "4115940".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 12:55 |
| S20 | 1 | "3190735".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 12:56 |
| S21 | 2 | "4076978".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 12:56 |
| S22 | 185 | S14 and (((taper or tapered or tapering) near3 (fiber or fibers or bundle or bundles)) and ((unfused or separate or detach or detachable or detached or detaching or separates or separating or separated or unfuse or free or uncoupled or uncouple or uncoupling or independent or loose or solitary) near3 (end or terminus or termination or terminal or boundry or input or output or outputs or inputs or terminals or fiber or fibers))) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:13 |
| S23 | 0 | "10893105".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:13 |
| S24 | 0 | "10893105".pran. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:13 |
| S25 | 0 | "10/893105".pran. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:15 |
| S26 | 2 | "5396506".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:16 |
| S27 | 2 | "5936980".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:17 |
| S28 | 2 | "4932747".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:17 |
| S29 | 2 | "6827500".pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/18 14:05 |

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| S30 | 14 | ("20030021547" "5032718" "5346583" "5394493" "5521996" "5550942" "5566262" "5675680" "6078714" "6328482" "6396995" "6478606" "6587618" "6595698").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/18 14:10 |
| S31 | 0 | ("6827500").URPN. | USPAT | OR | ON | 2005/07/18 14:11 |
| S32 | 19 | ("3190735" "3204326" "3626040" "3874783" "3933556" "4026693" "4076978" "4099833" "4175940" "4758064" "4911528" "4952022" "5011557" "5030265" "5045100" "5066087" "5077820").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/18 14:12 |